March 8, 2001

### DSSD CENSUS 2000 PROCEDURES AND OPERATIONS MEMORANDUM SERIES R-40

MEMORANDUM FOR Maureen Lynch

Assistant Division Chief, Coverage Measurement Processing

**Decennial Statistical Studies Division** 

From: Donna Kostanich

Assistant Division Chief, Sampling and Estimation

Decennial Statistical Studies Division

Prepared by: Thomas Mule

Sample Design Team

Subject: Accuracy and Coverage Evaluation: P-Sample and E-Sample

Weights

#### I. INTRODUCTION

This memorandum provides specifications for applying the Accuracy and Coverage Evaluation (A.C.E.) survey sampling weights to the Missing Data Input Files. These specifications cover the assignment of the P-sample and the E-sample trimmed weights for each A.C.E. sample cluster to the Missing Data Input files and the Sample Design File.

The unbiased weights reflect several A.C.E. sampling operations: the listing sample selection, A.C.E. block cluster reduction, small block subsampling, large block subsampling for the P-sample. These weights were calculated during the large block cluster subsampling process. The E-sample weights are the results of all of the above operations plus the E-sample identification, where they were calculated.

The Sample Design team might have to trim the P-Sample and E-Sample weights because the weighted influence that a cluster contributes to an estimate may be extremely high. By examining After Person Follow Up matching results, the Sample Design team will identify and, if necessary, trim the weights of highly influential clusters. Identifying and trimming the weights in a prespecified manner will be conducted by the Sample Design staff. See Q-26 for an overview of the weight trimming methodology.

The Sample Design team will create version 7 of the Sample Design File. The Processing Support team will use this file to assign the weights to the Missing Data files.

The specification is ordered as follows:

Section II gives the assumptions and definitions.

Section III lists the input and output files for this process.

Section IV specifies how to apply the weights to the Missing Data Input files.

The Sample Design team is responsible for verifying the calculation of the weights and ensuring they are properly assigned to the Missing Data Input Files. The scope of this verification of the Missing Data Input Files will be limited to the weights.

Note that this work is complete. This specification reflects the process as it was actually implemented and includes any required changes to the working draft.

### II. ASSUMPTIONS AND DEFINITIONS

- A. The P-sample weights will be assigned to the Missing Data P-sample Housing Unit Input file while the E-sample weights will be assigned to the Missing Data E-sample Person Input file. No weights are assigned at this time to the Missing Data P-sample Person Input file. Part of the Missing Data system is to generate non-interview factors and targeted extended search adjustments to generate final weights for the Dual System Estimate.
- B. These weights can not be assigned until the weight trimming operation is completed.
- C. The E-sample probability of selection code (ESPS): The ESPS code was assigned to each E-sample housing unit during E-sample Identification. Each cluster can have up to two E-sample weights. The ESPS code identifies which weight to assign to each person. See R-39 for more information.

#### III. FILES

#### A. INPUT FILES

1. Sample Design File (SDF): Version 7 of the A.C.E. Design file reflects all A.C.E. sampling operations through weight trimming. This file is at the block cluster level and contains 29,717 records, which is one record for each block cluster selected for the first step of the listing sample selection.

Refer to Attachment A for the complete file layout. This specification will utilize the following variables from version 7 of the file during processing.

Variable Description	Name	<b>Position</b>
A.C.E. block cluster number (including check digit)	CLUSTER	21-26
Trimmed weight for P-sample HUs	TRIMWTP	597-608
Trimmed weight for E-sample HUs with an ESPS code of 1	TRIMWTE1	610-621
Trimmed weight for E-sample HUs with an ESPS code of 2	TRIMWTE2	623-634

- 2. Missing Data P-Sample Housing Unit Input File: The P-Sample trimmed weights will be assigned to housing units on this file. The P-Sample trimmed cluster weight is assigned to each housing unit in the cluster. Refer to Q-40 for the layout.
- 3. Missing Data E-Sample Person Input File: The E-Sample trimmed weights will be assigned to people on this file. There are indicators on this file to link the correct E-Sample trimmed weight to each person. Refer to Q-40 for the layout.

### B. OUTPUT FILES

The Sample Design Team needs access to the following Missing Data Input files to verify the weights have been correctly assigned.

- E-Sample Person
- P-Sample Housing Unit
- P-Sample Person

### IV. ASSIGNING WEIGHTS TO THE MISSING DATA INPUT FILES

### A. Read Input Files

1. For each cluster remaining in sample, obtain the trimmed P-sample and E-sample cluster weights from the Sample Design File.

Variable Description	<u>Name</u>
A.C.E. block cluster number (including check digit)	CLUSTER
Trimmed P-sample Cluster Weight	TRIMWTP
Trimmed E-sample Cluster Weight for ESPS code of 1	TRIMWTE1
Trimmed E-sample Cluster Weight for ESPS code of 2	TRIMWTE2

2. For each housing unit, obtain the cluster number from the P-sample Housing Unit Missing Data Input File.

Variable Description	<u>Name</u>
A.C.E. block cluster number (including check digit)	CLUSTER

3. For each person on the E-Sample Missing Data Input file, obtain the cluster number and the E-sample probability of selection code.

Variable Description	<u>Name</u>
A.C.E. block cluster number (including check digit)	CLUST
E-sample Probability of selection code	ESPS

## B. Link the Weights to the Missing Data Input Files

The trimmed cluster weights need to be linked to the appropriate P-sample housing units and E-sample persons on the Missing Data Input Files. Link the weights as follows:

# 1. E-sample Person File

Assign each record a trimmed weight based on block cluster code and ESPS code. Assign each record in a block cluster with an ESPS code of 1 an E-sample weight equal to TRIMWTE1. Assign each record in a block cluster with an ESPS code of 2 an E-sample weight equal to TRIMWTE2.

### 2. P-sample Housing Unit File

Assign the P-sample trimmed cluster weight (TRIMWTP) to each housing unit in the cluster based on block cluster value.

### 3. P-sample Person file

No weights are assigned to the P-sample Person Input file. The Missing Data Process assigns the P-sample person weights.

### References

- R-39 Memorandum for Lynch from Kostanich, "Accuracy and Coverage Evaluation Survey: Specification for E-Sample Identification," December 7, 2000.
- Q-26 Memorandum for Hogan from Kostanich, "Accuracy and Coverage Evaluation: Weight Trimming Plan," July 20, 2000.
- Q-40 Memorandum for Lynch through Kostanich from Cantwell "Census 2000: Specifications for Data Requirements for A.C.E. Missing Data Input and Output Files," January 19, 2001.
- cc: DSSD Census 2000 Procedures and Operations Memorandum Series Distribution List ACE Implementation Team/Statistical Design Team Leaders List DSSD Sample Design Team

# Sample Design File

The Sample Design File contains one record per block cluster selected during the listing sample selection. If the block clusters falls out of sample during the second step of sampling or during small block subsampling, the remaining variables are blank. The layout for the Sample Design File is as follows:

Census Region	Variable Description	Name	<u>Places</u>	Source
State code	Census Region	REGION	_	UN
County code		DIV		
Local census office Interim Tract (Pseudo Tract) Interim Tract (Pseudo Tr	State code	STATE	-	
Interim Tract (Pseudo Tract)  Current Sample Indicator  A.C.E. block cluster number  CLUST  CLUST  CLUST  CLUST  CLUST  CLUST  CLUST  CLUST  CE  CCS  Ceography block cluster number  CLUST  CS  Geography block cluster number  GCLUST  CS  GEOgraphy block cluster number  CLIND  GCLUST  CS  GEOGRAPHY Block cluster number  LEIND  Type of Enumeration Area Recode  TEACR  TEACR  TEAGR  TEACR  TEAGR  TEACR  TEAGR  TEACR  TEAGR  TEACR  TEAGR  TEACR  TEACR  TEACR  TEACR  TEACR  TEACR  TEACR  TEACR  TEAGR  TEACR  TEACR  TEACR  TEACR  TEACR  TEACR  TEACR  TEACR  TEACR	County code	COUNTY	5-7	
Current Sample Indicator  A.C.E. block cluster number  CLUST  CLUSURB  CLUSTR  CLUSURB  CLUSTR  C	Local census office	LCO	8-11	CS
A.C.E. block cluster number Check Digit C	Interim Tract (Pseudo Tract)	ITRACT	12-17	BC
Check Digit Geography block cluster number GCLUST Geography block cluster number List/Enumerate Indicator Type of Enumeration Area Recode Type of Enumeration Area Group Revised TEAGR Type of Enumeration Area Group Revised TEAGR Type of Enumeration Area group TEAG TEAGR Type of Enumeration Area group TEAG TEAGR TOS TEAGR TEAGR TEAGR TEAGR THALL THALL THALL THALL THALL THALL TOS THALL THALL TEAGR TEAGR TOS THALL THALL THALL TEAGR TEAGR TOS THALL TEAGR TOS THALL TEAGR TEAGR TOS THALL THALL THALL TEAGR TEAGR TOS THALL THALL TEAGR TOS THALL TEAGR TEAGR TOS THALL THALL TEAGR TOS THALL TEAGR TEAGR TOS THALL TEAGR TOS THALL TEAGR TOS TEAGR TEAGR TEAGR TEAGR THALL THALL THALL THALL THALL THALL THALL TEAGR TEAGR TOS THALL THALL THALL TEAGR TEAGR TOS THALL THALL TEAGR TEAGR THALL THALL THALL THALL THALL TEAGR TEAGR THALL	Current Sample Indicator	CSI	19	UO
Geography block cluster number  List/Enumerate Indicator  List/Enumerate Indicator  Type of Enumeration Area Recode  Type of Enumeration Area Group Revised  Type of Enumeration Area Group Revised  Type of Enumeration Area group  TEAGR  THU  THUM	A.C.E. block cluster number	CLUST	21-25	CS
List/Enumerate Indicator  Type of Enumeration Area Recode TEACR Type of Enumeration Area Group Revised TEAGR Type of Enumeration Area group TEAG TEAG TEAGR THUM THUM THUM THUM THUM THUM THUM THUM	Check Digit	DIGIT	26	CS
Type of Enumeration Area Recode TEACR Type of Enumeration Area Group Revised TEAGR THAGGR TEAGR THAGGR TEAGR THAGGR THAGGR THAGGR THAGGR THAGGR THAGGR TEAGR THAGGR THAGGR THAGGR THAGGR THAGGR TEAGR THAGGR THAG	Geography block cluster number	GCLUST	28-32	BC
Type of Enumeration Area Group Revised TEAGR Type of Enumeration Area group TEAG TEAG TEAG TEAG TEAG TEAG TEAG TEAG	List/Enumerate Indicator	LEIND	33	BC
Type of Enumeration Area group  Number of HUs used for sample design  NHU  37-41  BC  Number of MAF HUs  NHUM  43-47  BC  Number of 1990 HUs  NHU90  49-53  BC  Sampling Stratum  1 = Small  2 = Medium  3 = Large  4 = American Indian Reservation  American Indian Country Indicator  0 = No American Indian Reservation/trust land  2 = Tribal Jurisdiction Area/  Alaska Native Village Statistical Area/  Tribal Designated Statistical Area  Demographic/Tenure Group code  DTCODE  57-58  UN  Demographic/Tenure Group label  ECLUSURB  1 = Urban Area with population ≥250,000  2 = Other Urban Area  Size Category  1=Small (0-2 hus)  2=Medium (3-79 hus)  3=Large (80+ hus)	Type of Enumeration Area Recode	TEACR	34	CS
Type of Enumeration Area group  Number of HUs used for sample design  NHU  37-41  BC  Number of MAF HUs  NHUM  43-47  BC  Number of 1990 HUs  NHU90  49-53  BC  Sampling Stratum  1 = Small  2 = Medium  3 = Large  4 = American Indian Reservation  American Indian Country Indicator  0 = No American Indian Reservation/trust land  2 = Tribal Jurisdiction Area/  Alaska Native Village Statistical Area/  Tribal Designated Statistical Area  Demographic/Tenure Group code  DTCODE  57-58  UN  Demographic/Tenure Group label  ECLUSURB  1 = Urban Area with population ≥250,000  2 = Other Urban Area  Size Category  1=Small (0-2 hus)  2=Medium (3-79 hus)  3=Large (80+ hus)	Type of Enumeration Area Group Revised	TEAGR	35	SB
Number of HUs used for sample design  NHU  37-41  BC  Number of MAF HUs  NHUM  43-47  BC  Number of 1990 HUs  Sampling Stratum  1 = Small  2 = Medium  3 = Large  4 = American Indian Reservation  American Indian Country Indicator  0 = No American Indian Country  1 = American Indian Reservation/trust land  2 = Tribal Jurisdiction Area/  Alaska Native Village Statistical Area/  Tribal Designated Statistical Area  Demographic/Tenure Group code  DTCODE  57-58  UN  Demographic/Tenure Group label  DTLABEL  59-60  UN  Estimated Urbanicity of block cluster  1 = Urban Area with population ≥250,000  2 = Other Urban Area  3 = Non-Urban Area  Size Category  SIZCAT  63  UN  1=Small (0-2 hus)  2=Medium (3-79 hus)  3=Large (80+ hus)		TEAG	36	BC
Number of MAF HUs NHUM A3-47 BC Number of 1990 HUs SS Sampling Stratum SS		NHU	37-41	BC
Sampling Stratum  1 = Small  2 = Medium  3 = Large  4 = American Indian Reservation  American Indian Country Indicator  0 = No American Indian Country  1 = American Indian Reservation/trust land  2 = Tribal Jurisdiction Area/  Alaska Native Village Statistical Area/  Tribal Designated Statistical Area  Demographic/Tenure Group code  DTCODE  57-58  UN  Demographic/Tenure Group label  DTLABEL  59-60  UN  Estimated Urbanicity of block cluster  1 = Urban Area with population ≥250,000  2 = Other Urban Area  3 = Non-Urban Area  Size Category  1=Small (0-2 hus)  2=Medium (3-79 hus)  3=Large (80+ hus)		NHUM	43-47	BC
1 = Small 2 = Medium 3 = Large 4 = American Indian Reservation  American Indian Country Indicator 0 = No American Indian Country 1 = American Indian Reservation/trust land 2 = Tribal Jurisdiction Area/ Alaska Native Village Statistical Area/ Tribal Designated Statistical Area  Demographic/Tenure Group code DTCODE 57-58 UN Demographic/Tenure Group label DTLABEL 59-60 UN Estimated Urbanicity of block cluster 1 = Urban Area with population ≥250,000 2 = Other Urban Area 3 = Non-Urban Area  Size Category 1=Small (0-2 hus) 2=Medium (3-79 hus) 3=Large (80+ hus)	Number of 1990 HUs	NHU90	49-53	BC
2 = Medium 3 = Large 4 = American Indian Reservation  American Indian Country Indicator 0 = No American Indian Country 1 = American Indian Reservation/trust land 2 = Tribal Jurisdiction Area/ Alaska Native Village Statistical Area/ Tribal Designated Statistical Area  Demographic/Tenure Group code DTCODE 57-58 UN Demographic/Tenure Group label DTLABEL 59-60 UN Estimated Urbanicity of block cluster ECLUSURB 62 UN 1 = Urban Area with population ≥250,000 2 = Other Urban Area 3 = Non-Urban Area Size Category I=Small (0-2 hus) 2=Medium (3-79 hus) 3=Large (80+ hus)	Sampling Stratum	SS	<b>5</b> 5	UN
3 = Large 4 = American Indian Reservation  American Indian Country Indicator 0 = No American Indian Country 1 = American Indian Reservation/trust land 2 = Tribal Jurisdiction Area/ Alaska Native Village Statistical Area/ Tribal Designated Statistical Area  Demographic/Tenure Group code DTCODE 57-58 UN Demographic/Tenure Group label DTLABEL 59-60 UN Estimated Urbanicity of block cluster 1 = Urban Area with population ≥250,000 2 = Other Urban Area 3 = Non-Urban Area Size Category 1=Small (0-2 hus) 2=Medium (3-79 hus) 3=Large (80+ hus)	1 = Small			
4 = American Indian Reservation  American Indian Country Indicator  0 = No American Indian Country  1 = American Indian Reservation/trust land  2 = Tribal Jurisdiction Area/	2 = Medium			
4 = American Indian Reservation  American Indian Country Indicator  0 = No American Indian Country  1 = American Indian Reservation/trust land  2 = Tribal Jurisdiction Area/	3 = Large			
0 = No American Indian Country 1 = American Indian Reservation/trust land 2 = Tribal Jurisdiction Area/     Alaska Native Village Statistical Area/     Tribal Designated Statistical Area  Demographic/Tenure Group code				
0 = No American Indian Country 1 = American Indian Reservation/trust land 2 = Tribal Jurisdiction Area/     Alaska Native Village Statistical Area/     Tribal Designated Statistical Area  Demographic/Tenure Group code	American Indian Country Indicator	AICIND	56	BC
1 = American Indian Reservation/trust land 2 = Tribal Jurisdiction Area/     Alaska Native Village Statistical Area/     Tribal Designated Statistical Area  Demographic/Tenure Group code     DTCODE				
Alaska Native Village Statistical Area/ Tribal Designated Statistical Area  Demographic/Tenure Group code DTCODE Demographic/Tenure Group label DTLABEL DTLABEL S9-60 UN Estimated Urbanicity of block cluster ECLUSURB 62 UN  1 = Urban Area with population ≥250,000 2 = Other Urban Area 3 = Non-Urban Area Size Category SIZCAT 63 UN  1=Small (0-2 hus) 2=Medium (3-79 hus) 3=Large (80+ hus)				
Tribal Designated Statistical Area  Demographic/Tenure Group code DTCODE Demographic/Tenure Group label DTLABEL DTLABEL S9-60 UN Estimated Urbanicity of block cluster ECLUSURB 62 UN  1 = Urban Area with population ≥250,000 2 = Other Urban Area 3 = Non-Urban Area Size Category SIZCAT 63 UN  1=Small (0-2 hus) 2=Medium (3-79 hus) 3=Large (80+ hus)	2 = Tribal Jurisdiction Area/			
Tribal Designated Statistical Area  Demographic/Tenure Group code DTCODE Demographic/Tenure Group label DTLABEL DTLABEL S9-60 UN Estimated Urbanicity of block cluster ECLUSURB 62 UN  1 = Urban Area with population ≥250,000 2 = Other Urban Area 3 = Non-Urban Area Size Category SIZCAT 63 UN  1=Small (0-2 hus) 2=Medium (3-79 hus) 3=Large (80+ hus)	Alaska Native Village Statistical Area/			
Demographic/Tenure Group code  DTCODE  57-58  UN  Demographic/Tenure Group label  Estimated Urbanicity of block cluster  1 = Urban Area with population ≥250,000  2 = Other Urban Area  3 = Non-Urban Area  Size Category  1=Small (0-2 hus)  2=Medium (3-79 hus)  3=Large (80+ hus)	<del>_</del>	_		
Demographic/Tenure Group label  Estimated Urbanicity of block cluster  I = Urban Area with population ≥250,000  2 = Other Urban Area  3 = Non-Urban Area  Size Category  I = Small (0-2 hus)  2=Medium (3-79 hus)  3=Large (80+ hus)		DTCODE	57-58	UN
Estimated Urbanicity of block cluster  1 = Urban Area with population ≥250,000  2 = Other Urban Area  3 = Non-Urban Area  Size Category  1=Small (0-2 hus)  2=Medium (3-79 hus)  3=Large (80+ hus)			59-60	
1 = Urban Area with population ≥250,000 2 = Other Urban Area 3 = Non-Urban Area Size Category SIZCAT 63 UN 1=Small (0-2 hus) 2=Medium (3-79 hus) 3=Large (80+ hus)				
2 = Other Urban Area 3 = Non-Urban Area Size Category 1=Small (0-2 hus) 2=Medium (3-79 hus) 3=Large (80+ hus)				
Size Category 1=Small (0-2 hus) 2=Medium (3-79 hus) 3=Large (80+ hus)  SIZCAT 63 UN				
Size Category 1=Small (0-2 hus) 2=Medium (3-79 hus) 3=Large (80+ hus)  SIZCAT 63 UN	3 = Non-Urban Area			
1=Small (0-2 hus) 2=Medium (3-79 hus) 3=Large (80+ hus)	Size Category	SIZCAT	63	UN
2=Medium (3-79 hus) 3=Large (80+ hus)				
3=Large (80+ hus)				
			64-91	

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Variable Description  First step index number  Listing sample selection indicator  1 = Selected	<u>Name</u>	<u>Places</u>	Source
	INDEX1	92-99	CS
	BC1	101	CS
Random Start for listing sample selection  Take-every for listing sample selection  Second step listing sample selection indicator  0 = Not Selected  1 = Selected	RS1	103-113	UN
	TE1	115-125	UN
	BC2	127	CS
Random Start for second block cluster sampling Take-every for second block cluster sampling Unbiased weight after block cluster sampling Additional space	RS2 TE2 WEIGHTBC	129-139 141-151 153-164 165-175	CS CS CS
Preliminary Number of HUs on the Independent List Number of Housing Units On the DMAF Demographic Code  1 = Minority 2 = Non-Minority 3 = Puerto-Rico	NHUILP	176-180	AR
	NHUDMAF	182-186	AR
	DEMCODE	188	AR
Consistency Code  1 = Low Inconsistent (IL significantly smaller than DMAF)  2 = Consistent  3 = High Inconsistent ((IL significantly larger than DMAF)	CONCODE	189	AR
A.C.E. Reduction Stratum A.C.E. Reduction Indicator 0 = Not Selected 1 = Selected	ARST	190-191	AR
	ACERED	193	AR
Random Start for A.C.E. Reduction Take-every for A.C.E. Reduction Unbiased weight after A.C.E. reduction Collapsing Flag A.C.E. Reduction Index Number Number of Housing Units On the December 1999 DMAF (Initial) Additional space	RSAR TEAR WEIGHTAR COLFLAG INDEXR NHUDMAFI	195-205 207-217 219-230 232 234-241 243-247 250-300	AR AR AR AR AR AR
Number of HUs on the Independent List Revised Number of HUs on the Independent List Small Block Cluster Subsampling Stratum Small Block Subsampling Indicator 0 = Not Selected 1 = Selected	NHUILR	295-299	SB
	NHUIL	301-305	SB
	SBCSS	306-307	SB
	SB	308	SB
Random Start for Small Block subsampling Initial take-every for Small Block subsampling Unbiased weight for A.C.E. cluster Larger of the DMAF and IL HU count Final take-every for Small Block subsampling Additional space	RSSB ITESB WEIGHTC LARGERHU FTESB	310-320 322-332 334-345 347-351 352-362 363-370	SB SB SB SB SB
Relisted Block Cluster Flag  0 = Not Relisted, 1 = Relisted  Number of total hus in block cluster	RELIST	371	LB
	NHUEL	373-377	LB
Number of A.C.E. hus in cluster	NHUELA	379-383	LB

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Variable Description Number of supplemental hus in cluster	<u>Name</u> NHUELN	<u>Places</u> 385-389	Source LB
Large Block Cluster EL subsampling code 1 = NHUELI< 80 hus, 2 = NHUELI ≥ 80 hus	ELLBSUB	391	LB
Random Start for Large Block subsampling	RSLB	393-403	LB
Take-every for Large Block subsampling	TELB	405-415	LB
Number of segments in block cluster	NSEG	417-418	LB
Number of segments selected in block cluster	NSEGSAM	420-421	LB
Day of Arrival	DAY	423-424	LB
Final Cluster Order Number	CON	431-434	LB
Number of total hus for interview in block cluster	NINT	436-440	LB
Unbiased weight for P-sample HUs	WEIGHTP	442-453	LB
Number of Assignments in block cluster	NA	455-456	LB
Final Sampling Strata	FINSS	458-464	LB
Additional space		465-490	
Number of HCUF HUs in block cluster with an ESPS code of 1	NHUCUF1	491-495	ES
Number of HCUF HUs in block cluster with an ESPS code of 2	NHUCUF2	497-501	ES
Number of HCUF HUs in block cluster	NHUCUF	503-507	ES
Number of HCUF HUs in selected segments with an ESPS code of 1	NHUCUFS1	509-513	ES
Number of HCUF HUs in selected segments with an ESPS code of 2	NHUCUFS2	515-519	ES
Number of HCUF HUs in selected segments of a block cluster	NHUCUFS	521-525	ES
E-Sample Identification cluster category	EICC	527	ES
1 = NHUCUF < 80			
2 = NHUCUF ≥ 80 and NHUCUFS < 80			
$3 = NHUCUF \ge 80$ and $NHUCUFS \ge 80$			
4 = NHUCUF ≥ 80 and RELIST = 1			
5 = NHUCUF ≥ 80 and List/Enumerate			
6 = NHUCUF ≥ 80 and is a special cluster			
Random Start for E-sample subsampling	RSES	529-539	ES
Take-every for E-sample subsampling	TEES	541-551	ES
Number of E-sample HUs in block cluster with an ESPS code of 1	NHUES1	553-557	ES
Number of E-sample HUs in block cluster with an ESPS code of 2	NHUES2	559-563	ES
Number of E-sample HUs in block cluster	NHUES	565-569	ES
Unbiased weight for E-sample HUs with an ESPS code of 1	WEIGHTE1	571-582	ES
Unbiased weight for E-sample HUs with an ESPS code of 2	WEIGHTE2	584-595 	ES
Trimmed weight for P-sample HUs	TRIMWTP	597-608	WT
Trimmed weight for E-sample HUs with an ESPS code of 1	TRIMWTEI	610-621	WT
Trimmed weight for E-sample HUs with an ESPS code of 2	TRIMWTE2	623-634	WT
Additional Space		636-675	

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Variable Description	Name	<u>Places</u>	Source
Number of confirmed A.C.E. housing units not found in the census	CURCI	676-680	TES
Number of unconfirmed A.C.E. housing units not found in the census	CURUI	682-686	TES
Number of census housing units geocoded to the wrong census block	CURGE	688-692	TES
Targeted extended search selection type	TESSELECT	694	TES
Targeted extended search selection flag	TESFLAG	696	TES
Random Start for the targeted extended search	RSTES	698-709	TES
Take-every for the targeted extended search	TETES	710-721	TES
Targeted Extended Search Index Number	TESN	722-727	TES
Additional Space		728-750	

## Source Codes

AR: A.C.E. Reduction
BC: Block Clustering
CS: Block Cluster Sampling
ES: E-sample Identification
LB: Large Block Subsampling
SB: Small Block Subsampling
UN: Universe File Creation
UO: Updated for each operation
WT: Weight Assignment
TES: Targeted Extended Search